epth 6	Contents 7	Reference to last Measurement 8
No 06 Date 10.07.13 eq No 623584 Date 10.07.13 ount Rs 4,53,480.00 Executive Engineer Civil Division B.T. Pura Division BSMP.		

BR-330/38-14

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 195985

Serial No. 2nd and final Bill

Name of work Improvement & Widening from Road by Hadly, Vidyapeeth and other area in Ward No-08 in Vidyasagarpur Sub Division

Name of Contractor of nature of Agency KRIDL

Date of commencement of work D.O.L. 30/8/2014

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Estimated cost = Rs. 20.00 lakh						
	Nature of Agency = KRIDL						
	NIB. No = 003-14-000046						
	Work order No = BE/BSP/KRIDL/WO/457/2013-14 Dt 21/2/14						
(1)	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2mt and an average lift upto 0.30m excavated surface leveled						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications complete as per the directions of supervising Charge of the work.						
	Qty as per this MB pp 195995						
	Amount (T) 185.844 x 90.32/w						14138.00
(2)	Providing and laying in position plain cement concrete in M.C. M.7.5 with ope Cement @ 180 kgs using 40mm and down size graded granite metal coarse aggregate @ 0.87 cum and fine aggregate @ 0.48 cum machine mixed Concrete bed in layers not exceeding 150mm thick and well compacted in foundations and						

Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	and plinth, including machinary, curing directions supervising
(2)	Providing and constructing in foundations hammered dressed

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
the dis posed Earth in gg clods complete as per directions of Engineer.			
Carried this MB p 195995			
Qty as (1) 185.84 x 90.32 /m			14138.00
plain cement concrete 1:8:16 using 40mm graded metal coarse aggregate in foundation and in layers not exceeding			
ked in foundation and			

M.A.R. 57 (Rule 116)

Measurement Book No. A/10

195986

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and plinth, including costing all materials, labour, hiring of machinery, curing complete as per specifications and directions of Engineer-in-charge of work.						
	Qty as MB p 195996						
	Carried to next page						
(2)	Providing and constructing granite/trap/basalt stone rubble masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cm high						
	as per MB p 195996						
	Qty as (2) : 20.64 x 4290.84 /m						88563.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	band stones at 2m apart in each courses including costing material, labour, curing complete as per specification						
	Sodashrippe CM1	9.00	2	0.60	0.90	9.72	
	Layer CM2	7.60	2	0.60	0.90	8.21	
						17.934 m3	6364.00
						@ 3549.96/M	
4)	Providing Ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depths of 20mm, neatly lining including cost of material, labour, curing complete as per specification and direction of Engineer-in-charge of work.						
	CM1	2	9.00	-	0.90	16.20	
	CM2	2	7.60	-	0.90	13.68	
						29.88 m2	2323.00
						@77.76/M	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency..

Date of commencement of work.....

Date	Full description, etc, of work
1	2
5)	Providing and laying M.C.M with Size graded gra 0.878 m3 and fine mixed concrete three, well compa including costing and cle complete as pe

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	9.00	0.80	0.10	3.24	
		2	7.60	1.80	0.10	2.73	
						5.973	28530.60
						@ 4779/43	
6)	Providg and removg, centerg, shuttg, proppg etc and removal of formwork for vertical surface such as walls of any thickness, includg attached pilasters, buttresses, plinth and string courses, costg all material, labour, complete as per specifcatns and directns of Engrs-in-charge of work.						
						@ rate the MB p. 143996	
						# no. ⑤ = 385.116 294.054	
						271.08	79712.00
7)	Providg and laying in position reinforced cement concrete						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	of mix design wi... 20mmad down si... aggregate e0.878... With superplaster... re-affirmed - 2008, ... layers not exceedg ... in foundatns, plinth ... lintel, Retaing Wall ... includg attached ...

Depth 6	Contents 7	Reference to last Measurement 8
0.10 : 3.24 0.10 : 2.73		
	5.97 m	28530.65
9/43		
propping ck		
surface such as		
ed plasters,		
of all material,		
and dressing		
MB p. 193992		
385.06		
294.0542		79712.00
2271.08		
d Cement Concrete		10000.00

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 195988

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	of mix design M-20 with OPC cement @ 320 kg/m³ with nominal down size graded granite metal coarse aggregate @ 0.878 m³ and fine aggregate @ 0.459 m³ with superplasticizer @ 3 l/m³ conforming to IS:9103, 1999 reaffirmed 2008, machine mixed concrete laid in layers not exceeding 150 mm thick, vibrated for all works in foundations, plinth and GF level for RCC slab, staircase, lintel, Retaining Walls, return walls, Walls at any thickness including attached pilasters and ground floor level for						

CO1 = 1×9.00×1.80×0.35 = 3.15
1×7.6×1.80×0.35 = 2.43

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2a1	56.00	0.15	0.60	: 10.08	
		2	60.00	0.15	0.60	. 10.80	
		1	56.00	0.90	0.15	: 7.56	
		1	60.00	0.90	0.15	: 8.10	
		1	56.00	0.90	0.10	: 5.04	
		1	60.00	0.90	0.10	: 5.40	
				@ 5639.76/m		52.564	296425.78
8)	Providg 7mm. steel reinforcement for RC works including straightg cutting & straightg, cutting, bendg hookg, placg in positn, lappng and or weldg wherever Required, tyng with bindg Wire and anchorng to the adjoyng member & wherevernecessry complete as per design, costg material, labour, Hirg of machinary, complete as per specifications and directions of Engrs. charged under

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
(9)	(Carrying stone with picks axes dressing and st with a lead cost of all labo

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(4) Lead for disposal of debris shall be payable at carriage rates by mechanical means including loads and unloads charges all complete as per specifications and directions of Engineer-in-charge of work.						
	Qty as per abstract	1	155.84			11331.00	
			72.216			11,26,327=	
					Total Rs	11,61,549.92	130496=
					Add 11% ICR EOL	127770.49	
						11615.49	
						13,60,935.90	
							13,16,823=00
	Certificate						
	(1) Certified that the Contractor has work this bill has done satisfactorily,						
	(2) The contractor has removed the debris from site						
							30/8/2014

Serial No.....

Name of work.....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	

Depth 6	Contents 7	Reference to last Measurement 8

M.A.R. 57 (Rule 116)

Measurement Book

V10 195993

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
					IT — 26336		
					VAT — 52673		
					Fee — 79009		
					Cess — 13168		
					CBF — 1317		
					Roy — 18608		
					Fine — 1000		
					total — 192151		